

Project No. _____

Book No. _____

TITLE _____

pre / F&R non dN transform

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Prep: To transform pre / F&R non dN primers

amplified, ethanol pptd, cut with Dab II again
linearized with Dab II & ligated

2.5 μ l of ligation mix transformed with DH5 α max 4 cells.

plated 25, 50, 100 μ l from each reaction (from 5)

Tested A different Rx: all prepared by Judy un

①	Taq, 1.5 mM Mg	25	17	-	all blue no whites
	(395)	50	9	-	
		100	17	-	

②	Taq, 2 mM Mg	25	2	-	?
	(396)	50	1	-	
		100	3	4	

③	Taq + D.V, 1.5 mM Mg	25	10	6	60.2%	} 6
	(403)	50	25	17	68.2%	
		100	24	13	54.2%	

④	Taq + D.V, 2 mM Mg	25	136	40	29	} 34
	(404)	50	223	82	37	
		100	405	141	35	

Result: Taq + D.V unusually high error - mutation

Taq alone * of colonies too low but whatever is there not much whites though

nothing makes sense

To Pag N

Witnessed & Understood by me,

Date

Invented by

Date

Rec rded by

12/8/94

A. Williams